Listing of the Claims:

      The following is a complete listing of all the claims in the application, with an indication of the status of each:

1-11. Canceled

12. (Currently amended) A telephone controller that controls plural telephone sets via LAN connected to the Internet, comprising:

      a receiver that receives a message sent via LAN by one of the telephone sets for requesting an IP address <u>to</u> be allocated for the requesting telephone set;

      a control circuit that generates an ID comprising a domain name and an extension of the requesting telephone set in case the message for requesting the IP address is received;

      an IP address allocation circuit that allocates the IP address of the requesting telephone set;

      a table that stores an ID comprising a domain name, an extension and the IP address; and

      a notifying unit that notifies the requesting telephone set of the ID, the extension and the IP address for the requesting telephone set.

13. (New) A telephone communication system, comprising:

      a telephone controller;

      a plurality of telephone sets which communication with each other via a local area network (LAN) which is connected to the Internet;

      a transmitter associated with at least one of said plurality of telephone sets, said transmitter transmits via the LAN a message to said telephone controller requesting an Internent Protocol (IP) address be allocated to said at least one telephone set of said plurality of telephone sets;

      a receiver associated with said telephone controller which received said message transmitted by said transmitter;

      a control circuit associated with said telephone controller which, when said receiver receives said message transmitted by said transmitter, generates an ID comprising a domain name and an extension of said at least one telephone set of

said plurality of telephone sets;

an IP address allocation circuit associated with said telephone controller which, when said receiver receives said message transmitted by said transmitter, allocates said IP address requested by said at least one telephone set of said plurality of telephone sets;

a storage medium associated with said telephone controller which stores said IP address allocated by said IP address allocation circuit and said ID comprising said domain name and said extension of said at least one telephone set of said plurality of telephone sets; and

a notifying unit associated with said telephone controller which notifies said at least one telephone set of said plurality of telephone sets of said ID.

14. (New) The telephone communication system as recited in claim 13 wherein said domain name in said ID is a domain name of said telephone controller.

15. (New) The telephone communication system as recited in claim 13 wherein said extension in said ID includes a user name.

16. (New) The telephone communication system as recited in claim 15 wherein said user name is selected from a plurality of user names assigned to said extension.

17. (New) The telephone communication system as recited in claim 13 wherein said telephone controller, when an incoming call is received, routes said incoming call to said at least one telephone set of said plurality of telephone sets based on said IP address stored in said storage medium.

18. (New) The telephone communication system as recited in claim 13 wherein said storage medium stores said IP address and said ID in the form of a table.